

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/072,012 A
Source: 1FW16
Date Processed by STIC: 2/27/07

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IFW16

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/072,012A

DATE: 02/27/2007

TIME: 10:54:56

Input Set : F:\Cura 558 US Seq List.txt
 Output Set: N:\CRF4\02272007\J072012A.raw

3 <110> APPLICANT: Tchernev, Velizar
 4 Spytek, Kimberly
 5 Zerhusen, Bryan
 6 Paturajan, Meera
 7 Shimkets, Richard
 8 Li, Li
 9 Gangolli, Esha
 10 Padigaru, Muralidhara
 11 Anderson, David W.
 12 Rastelli, Luca
 13 Miller, Charles E.
 14 Gerlach, Valerie
 15 Taupier Jr, Raymond J.
 16 Gusev, Vladimir Y.
 17 Colman, Steven D.
 18 Wolenc, Adam R.
 19 Pena, Carol E. A
 20 Furtak, Katarzyna
 21 Grosse, William M.
 22 Alsobrook II, John P.
 23 Lepley, Denise M.
 24 Rieger, Daniel K.
 25 Burgess, Catherine E.
 27 <120> TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same
 29 <130> FILE REFERENCE: 21402-258
 31 <140> CURRENT APPLICATION NUMBER: 10/072,012A
 32 <141> CURRENT FILING DATE: 2002-01-31
 34 <150> PRIOR APPLICATION NUMBER: 60/265,102
 35 <151> PRIOR FILING DATE: 2001-01-30
 37 <150> PRIOR APPLICATION NUMBER: 60/265,514
 38 <151> PRIOR FILING DATE: 2001-01-31
 40 <150> PRIOR APPLICATION NUMBER: 60/265,517
 41 <151> PRIOR FILING DATE: 2001-01-31
 43 <150> PRIOR APPLICATION NUMBER: 60/265,412
 44 <151> PRIOR FILING DATE: 2001-01-31
 46 <150> PRIOR APPLICATION NUMBER: 60/265,395
 47 <151> PRIOR FILING DATE: 2001-01-31
 49 <150> PRIOR APPLICATION NUMBER: 60/266,406
 50 <151> PRIOR FILING DATE: 2001-02-02
 52 <150> PRIOR APPLICATION NUMBER: 60/266,767
 53 <151> PRIOR FILING DATE: 2001-02-05
 55 <150> PRIOR APPLICATION NUMBER: 60/267,057
 56 <151> PRIOR FILING DATE: 2001-02-07

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 61 <150> PRIOR APPLICATION NUMBER: 60/267,459
 62 <151> PRIOR FILING DATE: 2001-02-08
 64 <150> PRIOR APPLICATION NUMBER: 60/267,823
 65 <151> PRIOR FILING DATE: 2001-02-09
 67 <150> PRIOR APPLICATION NUMBER: 60/268,974
 68 <151> PRIOR FILING DATE: 2001-02-15
 70 <150> PRIOR APPLICATION NUMBER: 60/271,855
 71 <151> PRIOR FILING DATE: 2001-02-27
 73 <150> PRIOR APPLICATION NUMBER: 60/271,839
 74 <151> PRIOR FILING DATE: 2001-02-27
 76 <150> PRIOR APPLICATION NUMBER: 60/273,046
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 79 <150> PRIOR APPLICATION NUMBER: 60/272,788
 80 <151> PRIOR FILING DATE: 2001-03-02
 82 <150> PRIOR APPLICATION NUMBER: 60/275,989
 83 <151> PRIOR FILING DATE: 2001-03-14
 85 <150> PRIOR APPLICATION NUMBER: 60/275,925
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 88 <150> PRIOR APPLICATION NUMBER: 60/275,947
 89 <151> PRIOR FILING DATE: 2001-03-14
 91 <160> NUMBER OF SEQ ID NOS: 1394
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 97 <212> TYPE: DNA
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 110 aagtgcacac tgtgtcaag gcctttaaat ccttcttgc tctgccccag gagctccagg 240
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 118 gggtggccca tgccacaatc caagacttct gggatgacag catccctgac atcataccct 480
 120 cggtgggagt ttggaggtgc cctctacttg ggctgggcctg ctggatatttt cctggctctt 540
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 143 35 40 45
 145 Gly Ile Trp Glu Val Cys Val Asp Arg Glu Glu Val Ala Thr Val Cys
 146 50 55 60
 148 Lys Ala Phe Glu Ser Phe Leu Ser Leu Pro Gln Glu Leu Gln Val Ala
 149 65 70 75 80
 151 Arg Ile Leu Met Val Ala Ser His Gly Leu Gly Leu Leu Gly Leu Leu
 152 85 90 95
 154 Leu Cys Ser Phe Gly Ser Glu Cys Phe Gln Phe His Arg Ile Arg Trp
 155 100 105 110
 157 Val Phe Lys Arg Arg Leu Gly Leu Leu Gly Arg Thr Leu Glu Ala Ser
 158 115 120 125
 160 Ala Ser Ala Thr Thr Leu Leu Pro Val Ser Trp Val Ala His Ala Thr
 161 130 135 140
 163 Ile Gln Asp Phe Trp Asp Asp Ser Ile Pro Asp Ile Ile Pro Arg Trp
 164 145 150 155 160
 166 Glu Phe Gly Gly Ala Leu Tyr Leu Gly Trp Ala Ala Gly Ile Phe Leu
 167 165 170 175
 169 Ala Leu Gly Gly Leu Leu Leu Ile Phe Ser Ala Cys Leu Gly Lys Glu
 170 180 185 190
 172 Asp Val Pro Phe Pro Leu Met Ala Gly Pro Thr Val Pro Leu Ser Cys
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222 1 5 10 15
224 Ser Leu Leu Gly Trp Val Cys Ser Cys Val Thr Thr Ile Leu Pro Gln
225 20 25 30
227 Trp Lys Thr Leu Asn Leu Glu Leu Asn Glu Met Glu Thr Trp Ile Met
228 35 40 45
230 Gly Ile Trp Glu Val Cys Val Asp Arg Glu Glu Val Ala Thr Val Cys
231 50 55 60
233 Lys Ala Phe Glu Ser Phe Leu Ser Leu Pro Gln Glu Leu Gln Val Ala
234 65 70 75 80
236 Arg Ile Leu Met Val Ala Ser His Gly Leu Gly Leu Leu Gly Leu Leu
237 85 90 95
239 Leu Cys Ser Phe Gly Ser Glu Cys Phe Gln Phe His Arg Ile Arg Trp
240 100 105 110
242 Val Phe Lys Arg Arg Leu Gly Leu Leu Gly Arg Thr Leu Glu Ala Ser
243 115 120 125
245 Ala Ser Ala Thr Thr Leu Leu Pro Val Ser Trp Val Ala His Ala Thr
246 130 135 140
248 Ile Gln Asp Phe Trp Asp Asp Ser Ile Pro Asp Ile Ile Pro Ser Val
249 145 150 155 160
251 Gly Val Trp Arg Cys Pro Leu Leu Gly Leu Gly Cys Trp Tyr Phe Pro
252 165 170 175
254 Gly Ser Trp Trp Ala Thr Pro His Leu Leu Gly Leu Pro Gly Lys Arg
255 180 185 190
257 Arg Cys Ala Phe Ser Phe Asp Gly Trp Ser His Ser Pro Pro Ile Leu
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278 aactgaacga gatggagacc tggatcatgg ggattggga ggtctgcgtg gatcgagagg 180
280 aagtgcacac tggatgtcaag gcctttgaat ctttcttgc tctgccccag gagtcagg 240
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290 cctgcctggg aaaagaagat gtgccttttc ctttgcatggc tggtccccaca gtccccctat 540
292 cctgtgctcc agtggaggag tcaagatggct cttccacact catgctaaga ccttaggaacc 600
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298 <211> LENGTH: 201
299 <212> TYPE: PRT
300 <213> ORGANISM: Homo sapiens
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 307 20 25 30
 309 Trp Lys Thr Leu Asn Leu Glu Leu Asn Glu Met Glu Thr Trp Ile Met
 310 35 40 45
 312 Gly Ile Trp Glu Val Cys Val Asp Arg Glu Glu Val Ala Thr Val Cys
 313 50 55 60
 315 Lys Ala Phe Glu Ser Phe Leu Ser Leu Pro Gln Glu Leu Gln Phe His
 316 65 70 75 80
 318 Arg Ile Arg Trp Val Phe Lys Arg Arg Leu Gly Leu Leu Gly Arg Thr
 319 85 90 95
 321 Leu Glu Ala Ser Ala Ser Ala Thr Thr Leu Leu Pro Val Ser Trp Val
 322 100 105 110
 324 Ala His Ala Thr Ile Gln Asp Phe Trp Asp Asp Ser Ile Pro Asp Ile
 325 115 120 125
 327 Ile Pro Arg Trp Glu Phe Gly Gly Ala Leu Tyr Leu Gly Trp Ala Ala
 328 130 135 140
 330 Gly Ile Phe Leu Ala Leu Gly Gly Leu Leu Leu Ile Phe Ser Ala Cys
 331 145 150 155 160
 333 Leu Gly Lys Glu Asp Val Pro Phe Pro Leu Met Ala Gly Pro Thr Val
 334 165 170 175
 336 Pro Leu Ser Cys Ala Pro Val Glu Glu Ser Asp Gly Ser Phe His Leu
 337 180 185 190
 339 Met Leu Arg Pro Arg Asn Leu Val Ile
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 345 <212> TYPE: DNA
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 354 aactgaacga gatggagacc tggatcatgg ggattggga ggtctgcgtg gatcgagagg 180
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 360 gctttgggtc tgaatgttc cagtttcaca ggatcagatg ggtattcaag aggcggcttg 360
 362 gttttttttt aaggactttt gaggcatccg cttcagccac taccctcctt ccagtctcct 420
 364 gggggccca tgccacaatc caagacttctt gggatgacag catccctgac atcatacctc 480
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 368 gtgggttactt cttttttttt tggggaaaaga agatgtgcct tttcccttta 600
 370 tggctggtcc cacagtcccc ctatcctgtt ctccacttggaa ggatgttccat ggtttttcc 660
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 378 <211> LENGTH: 229
 379 <212> TYPE: PRT
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RAW SEQUENCE LISTING ERROR SUMMARY DATE: 02/27/2007
PATENT APPLICATION: US/10/072,012A TIME: 10:54:57

Input Set : F:\Cura 558 US Seq List.txt
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Please Note:

Please Note: Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:193; N Pos. 2448,2454,2455,2456,3490,3610
Seq#:338; Xaa Pos. 15
Seq#:430; Xaa Pos. 40,41,42,43,44,45,46
Seq#:467; Xaa Pos. 891
Seq#:468; Xaa Pos. 890,1762,1786
Seq#:469; Xaa Pos. 891,1763,1787
Seq#:596; Xaa Pos. 41
Seq#:698; Xaa Pos. 40,41,42,43,44,45,46
Seq#:702; Xaa Pos. 469
Seq#:775; Xaa Pos. 164
Seq#:779; Xaa Pos. 15

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:860; Line(s) 75299

VERIFICATION SUMMARY

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L:13621 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:193 after pos.:2400
M:341 Repeated in SeqNo=193
L:25066 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:338 after pos.:0
L:33545 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:430 after pos.:32
L:36401 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:467 after pos.:880
L:36903 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:468 after pos.:880
M:341 Repeated in SeqNo=468
L:37405 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:469 after pos.:880
M:341 Repeated in SeqNo=469
L:52228 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:596 after pos.:32
L:61143 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:698 after pos.:32
L:61626 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:702 after pos.:464
L:68853 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:775 after pos.:160
L:69189 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:779 after pos.:0